

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L1 | 1 | ("6578600").PN. | US-PGPUB; USPAT | OR | OFF | 2010/01/15 08:52 |
| L2 | 2 | ((("5758680") or ("5076205"))).PN. | US-PGPUB; USPAT | OR | OFF | 2010/01/15 08:52 |
| L3 | 1 | "10588851" | US-PGPUB; USPAT | OR | ON | 2010/01/15 08:52 |
| L4 | 27 | (US-20030136446-\$ or US-20020033195-\$). did. or (US-5812403-\$ or US-6083321-\$ or US- 6578600-\$ or US- 4722298-\$ or US- 4852516-\$ or US- 5076205-\$ or US- 5451258-\$ or US- 5575854-\$ or US- 5732744-\$ or US- 5758680-\$ or US- 6312525-\$ or US- 7032614-\$ or US- 7039999-\$ or US- 7063301-\$ or US- 7335277-\$ or US- 6277199-\$ or US- 6558506-\$ or US- 5083364-\$ or US- 6598279-\$ or US- 6649019-\$ or US- 5441076-\$ or US- 5662143-\$ or US- 6941965-\$ or US- 7392825-\$ or US- 6397883-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/01/15 08:52 |
| L5 | 1 | L4 and (detach\$4 with (pipe line) with gas) | US-PGPUB; USPAT | OR | ON | 2010/01/15 08:52 |
| L6 | 4 | L2 L3 L5 | US-PGPUB; USPAT | OR | ON | 2010/01/15 08:52 |
| L7 | 5 | L6 L1 | US-PGPUB; USPAT | OR | ON | 2010/01/15 08:52 |
| L8 | 11 | amikura-norihiko.in. tezuka-kazuyuki.in. miyoshi-risako.in. | US-PGPUB; USPAT | OR | ON | 2010/01/15 09:02 |

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|----|------|---|---------------------------|----|-----|---------------------|
| L9 | 2333 | ((156/345.31) or (156/345.32) or (118/719)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/01/15 09:05 |
| S7 | 6 | ("20030136446" "5812403" "6083321" "6578600" "6695003" "6700089").PN. | US-PGPUB; USPAT | OR | ON | 2010/01/06 17:13 |
| S8 | 22 | ("4722298" "4852516" "4945856" "5076205" "5425803" "5451258" "5516367" "5575854" "5641358" "5732744" "5758680" "5860640" "5882419").PN. OR ("6083321").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/06 17:19 |
| S9 | 69 | ("4405435" "4498416" "4592306" "4607593" "4664062" "4681773" "4709655" "4715921" "4717461" "4722298" "4733631" "4739787" "4820106" "4825808" "4852516" "4857160" "4886592" "4917556" "4951601" "5000113" "5067218" "5076205" "5083364" "5088444" "5186718" "5199483" "5259881" "5292393" "5352248" "5380682" "5516732" "5520002" "5582866" "5611655" "5620578" "5740034" "5758680" "5769952" "5784238" "5785796" "5855681" "5873942" "5900105" "5930456" "5944857" "6017395" "6083321" "6120606").PN. OR ("6312525").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/06 17:24 |

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| S10 | 7 | ("6051281" "6062798" "6143082" "6277199" "6286230" "6312525" "6558506").PN. OR ("7335277").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/06 17:26 |
| S11 | 19 | ("20020000029" "20020033195" "20040194268" "5083364" "5441076" "5662143" "5762745" "6099599" "6312525" "6435215" "6461519" "6502054" "6598279" "6827788" "6853872" "6861101" "6941965").PN. OR ("7039999").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 10:25 |
| S12 | 1 | (US-5812403-\$).did. | USPAT | OR | ON | 2010/01/07 10:42 |
| S13 | 25 | (US-20030136446-\$ or US-20020033195-\$). did. or (US-5812403-\$ or US-6083321-\$ or US- 6578600-\$ or US- 4722298-\$ or US- 4852516-\$ or US- 5076205-\$ or US- 5451258-\$ or US- 5575854-\$ or US- 5732744-\$ or US- 5758680-\$ or US- 6312525-\$ or US- 7032614-\$ or US- 7039999-\$ or US- 7063301-\$ or US- 7335277-\$ or US- 6277199-\$ or US- 6558506-\$ or US- 5083364-\$ or US- 6598279-\$ or US- 6649019-\$ or US- 5441076-\$ or US- 5662143-\$ or US- 6941965-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/01/07 10:43 |
| S14 | 19 | S13 and (flow with control\$4) | US-PGPUB; USPAT | OR | ON | 2010/01/07 10:51 |
| S15 | 12 | S13 and (flow with control\$4) and (maintenance servic\$4) | US-PGPUB; USPAT | OR | ON | 2010/01/07 10:53 |

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| S16 | 12 | S13 and (flow with control\$4) and (maintenance servic\$4 inspect\$4) | US-PGPUB; USPAT | OR | ON | 2010/01/07 10:53 |
| S17 | 10 | ("4592306" "5587039" "5611655").PN. OR ("6277199").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 11:30 |
| S18 | 5 | ("6058852" "6251759" "6277199" "6397883" "7187994").PN. OR ("7392825").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 11:56 |
| S19 | 7 | ("4091840" "4989632" "5915414" "6102068").PN. OR ("6397883").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 11:57 |
| S20 | 22 | ("4722298" "4852516" "4945856" "5076205" "5425803" "5451258" "5516367" "5575854" "5641358" "5732744" "5758680" "5860640" "5882419").PN. OR ("6083321").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:01 |
| S21 | 25 | ("4253480" "4394871" "4702273" "4798521" "4949670" "4961441" "5020176" "5020564" "5031674" "5220940" "5292370" "5365772" "5534069").PN. OR ("5758680").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:17 |
| S22 | 158 | ("4318767" "4405435" "4477311" "4498416" "4534314" "4542712" "4547247" "4548699" "4550239" "4563240" "4584045" "4587002" "4592306" "4622918" "4661196" "4661228" "4664062" "4668338" "4668365" "4670126" "4674621" "4705951" "4713551" "4715764" "4715921" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:31 |

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| | | "4717461" "4724621" "4756815" "4763602" "4770590" "4775281" "4825808" "4851101" "4852516").PN. OR ("5076205").URPN. | | | | |
| S23 | 2 | ((("5758680") or ("5076205")).PN. | US-PGPUB; USPAT | OR | OFF | 2010/01/08 12:21 |
| S24 | 27 | (US-20030136446-\$ or US-20020033195-\$). did. or (US-5812403-\$ or US-6083321-\$ or US- 6578600-\$ or US- 4722298-\$ or US- 4852516-\$ or US- 5076205-\$ or US- 5451258-\$ or US- 5575854-\$ or US- 5732744-\$ or US- 5758680-\$ or US- 6312525-\$ or US- 7032614-\$ or US- 7039999-\$ or US- 7063301-\$ or US- 7335277-\$ or US- 6277199-\$ or US- 6558506-\$ or US- 5083364-\$ or US- 6598279-\$ or US- 6649019-\$ or US- 5441076-\$ or US- 5662143-\$ or US- 6941965-\$ or US- 7392825-\$ or US- 6397883-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/01/12 17:44 |
| S25 | 0 | S24 and trunk | US-PGPUB; USPAT | OR | ON | 2010/01/12 17:44 |
| S26 | 7 | (118/715-733.ccls. 156/345\$.ccls.) and (trunk with (pipe pipeline)) | US-PGPUB; USPAT | OR | ON | 2010/01/12 17:50 |
| S27 | 2 | "06120155" | EPO; JPO; DERWENT | OR | ON | 2010/01/13 09:47 |
| S28 | 1 | "10588851" | US-PGPUB; USPAT | OR | ON | 2010/01/13 15:47 |

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| S29 | 27 | (US-20030136446-\$ or US-20020033195-\$). did. or (US-5812403-\$ or US-6083321-\$ or US-6578600-\$ or US-4722298-\$ or US-4852516-\$ or US-5076205-\$ or US-5451258-\$ or US-5575854-\$ or US-5732744-\$ or US-5758680-\$ or US-6312525-\$ or US-7032614-\$ or US-7039999-\$ or US-7063301-\$ or US-7335277-\$ or US-6277199-\$ or US-6558506-\$ or US-5083364-\$ or US-6598279-\$ or US-6649019-\$ or US-5441076-\$ or US-5662143-\$ or US-6941965-\$ or US-7392825-\$ or US-6397883-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/01/13 17:15 |
| S30 | 1 | S29 and (detach\$4 with (pipe line) with gas) | US-PGPUB; USPAT | OR | ON | 2010/01/13 17:15 |
| S31 | 2 | ((("5758680") or ("5076205"))).PN. | US-PGPUB; USPAT | OR | OFF | 2010/01/14 17:27 |
| S32 | 1 | "10588851" | US-PGPUB; USPAT | OR | ON | 2010/01/14 17:27 |
| S33 | 27 | (US-20030136446-\$ or US-20020033195-\$). did. or (US-5812403-\$ or US-6083321-\$ or US-6578600-\$ or US-4722298-\$ or US-4852516-\$ or US-5076205-\$ or US-5451258-\$ or US-5575854-\$ or US-5732744-\$ or US-5758680-\$ or US-6312525-\$ or US-7032614-\$ or US-7039999-\$ or US-7063301-\$ or US-7335277-\$ or US-6277199-\$ or US-6558506-\$ or US-5083364-\$ or US-6598279-\$ or US- | US-PGPUB; USPAT | OR | ON | 2010/01/14 17:27 |

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| | | 6649019-\$ or US-5441076-\$ or US-5662143-\$ or US-6941965-\$ or US-7392825-\$ or US-6397883-\$).did. | | | | |
| S34 | 1 | S33 and (detach\$4 with (pipe line) with gas) | US-PGPUB; USPAT | OR | ON | 2010/01/14 17:27 |
| S35 | 4 | S31 S32 S34 | US-PGPUB; USPAT | OR | ON | 2010/01/14 17:27 |
| S36 | 2 | S35 and (room floor) | US-PGPUB; USPAT | OR | ON | 2010/01/14 17:29 |
| S37 | 27 | (US-20030136446-\$ or US-20020033195-\$). did. or (US-5812403-\$ or US-6083321-\$ or US-6578600-\$ or US-4722298-\$ or US-4852516-\$ or US-5076205-\$ or US-5451258-\$ or US-5575854-\$ or US-5732744-\$ or US-5758680-\$ or US-6312525-\$ or US-7032614-\$ or US-7039999-\$ or US-7063301-\$ or US-7335277-\$ or US-6277199-\$ or US-6558506-\$ or US-5083364-\$ or US-6598279-\$ or US-6649019-\$ or US-5441076-\$ or US-5662143-\$ or US-6941965-\$ or US-7392825-\$ or US-6397883-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/01/14 17:33 |
| S38 | 17 | S37 and (room floor) | US-PGPUB; USPAT | OR | ON | 2010/01/14 17:33 |
| S39 | 1 | S35 and (remote) | US-PGPUB; USPAT | OR | ON | 2010/01/14 18:08 |
| S40 | 3 | S35 and (switch\$4) | US-PGPUB; USPAT | OR | ON | 2010/01/14 18:11 |
| S41 | 3 | S35 and (switch\$4 pneumatic\$4 remote \$4) | US-PGPUB; USPAT | OR | ON | 2010/01/14 19:02 |
| S42 | 18 | S37 and (switch\$4 pneumatic\$4 remote \$4) | US-PGPUB; USPAT | OR | ON | 2010/01/14 19:02 |

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|-----|----|---|--------------------|----|-----|---------------------|
| S43 | 1 | ("6578600").PN. | US-PGPUB; USPAT | OR | OFF | 2010/01/14 20:52 |
| S44 | 2 | ((("5758680") or ("5076205"))).PN. | US-PGPUB; USPAT | OR | OFF | 2010/01/14 20:52 |
| S45 | 1 | "10588851" | US-PGPUB; USPAT | OR | ON | 2010/01/14 20:52 |
| S46 | 27 | (US-20030136446-\$ or US-20020033195-\$). did. or (US-5812403-\$ or US-6083321-\$ or US- 6578600-\$ or US- 4722298-\$ or US- 4852516-\$ or US- 5076205-\$ or US- 5451258-\$ or US- 5575854-\$ or US- 5732744-\$ or US- 5758680-\$ or US- 6312525-\$ or US- 7032614-\$ or US- 7039999-\$ or US- 7063301-\$ or US- 7335277-\$ or US- 6277199-\$ or US- 6558506-\$ or US- 5083364-\$ or US- 6598279-\$ or US- 6649019-\$ or US- 5441076-\$ or US- 5662143-\$ or US- 6941965-\$ or US- 7392825-\$ or US- 6397883-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/01/14 20:52 |
| S47 | 1 | S46 and (detach\$4 with (pipe line) with gas) | US-PGPUB; USPAT | OR | ON | 2010/01/14 20:52 |
| S48 | 4 | S44 S45 S47 | US-PGPUB; USPAT | OR | ON | 2010/01/14 20:52 |

EAST Search History (Interference)

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1/ 15/ 10 9:08:30 AM**C:\ Documents and Settings\ KMoore\ My Documents\ EAST\ Workspaces\ 10588851.wsp**